

STATEMENT OF ENERGY PERFORMANCE

Kenwood Station Elementary School

Building ID: 1190989

For 12-month Period Ending: September 30, 2006¹

Date SEP becomes ineligible: January 28, 2007

Date SEP Generated: January 05, 2007

Facility

Kenwood Station Elementary School
6321 Veterans Memorial Parkway
Crestwood KY 40014

Facility Owner

Oldham County Schools

P.O. Box 218

Buckner KY 40010

(502) 241-3500

Primary Contact for this Facility

James P. Jim Ewalt

P.O. Box 218

Buckner KY 40010

(502) 241-3500

jim.ewalt@oldham.kyschools.us

Year Built: 2004

Gross Building Area (ft²): 75,436Energy Performance Rating² (1-100) 75**Facility Space Use Summary**

Space Type	Area(ft ²)	Number of Students	Number of PCs	Cooling Percent
K-12 School	75,436	780	189	100
Open Parking Lot	202,750	N/A	N/A	N/A

Site Energy Use Summary

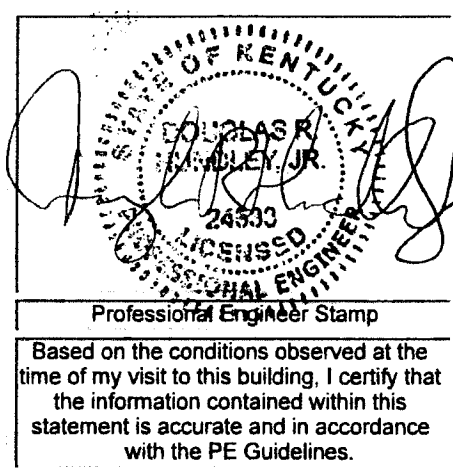
Electricity (kBtu)	2,676,555
Natural Gas (kBtu) ³	296,752
Total Energy (kBtu)	2,973,307

Energy Intensity⁴

Site (kBtu/ft ² /yr)	39
Source (kBtu/ft ² /yr)	111

Emissions (based on site energy use)

CO ₂ (1000 lbs/yr)	1,832
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**Indoor Environment Criteria⁵**

Indoor air pollutants controlled?	Yes
Adequate ventilation provided?	Yes
Thermal conditions met?	Yes
Adequate illumination provided?	Yes

Professional Engineer

License Number: 24533

State: KY

Douglas Hundley, Jr.

10101 Linn Station Road Suite 530

Louisville KY 40223

(502) 326-3085

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on meeting ASHRAE Standard 62-1999 for indoor air quality, ASHRAE Standard 55-1992 for thermal comfort, and IESNA Lighting Handbook for lighting quality.



The government estimates the average time needed to fill out this form is 6 hours (includes the time for entering energy data, PE facility inspection, and notarizing the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.

FACILITY SUMMARY

FOR YOUR RECORDS ONLY. DO NOT SUBMIT TO EPA.

Please keep this Facility Summary for your own records; do not submit it to EPA. Only the Statement of Energy Performance (SEP) and Letter of Agreement need to be submitted to EPA when applying for the ENERGY STAR.

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For 12-month Period Ending: September 30, 2006

Year Built: 2004

Gross Floor Area: (ft²) 75,436

Facility Space Use Summary

K-12 School

Space Name	Gross Floor Area (ft ²)	Number of Students	Number of PCs	Operating Hours/Week	Cooking Facility	% Air-Conditioned	% Heated	Months	Ventilated
Elementary School	75,436	780	189	72	Y	100	100	12	Y

Open Parking Lot

Space Name	Gross Floor Area (ft ²)	Operating Hours/Week
Parking	202,750	49

Energy Performance Comparison

Results	Current	Baseline	Delta	Target	Industry Average	ENERGY STAR
Energy Performance Rating	75	75	0		50	75
Energy Intensity (kBtu/ft ²)						
Site	39.41	39.41	0.00		49.20	39.59
Source	110.93	110.93	0.00		138.49	111.44
Energy Cost						
\$/year	0.00	0.00	0.00		0.00	0.00
\$/ft ² /year	0.00	0.00	0.00		0.00	0.00
CO ₂ Emissions (1,000 lbs/year)	1,832.00	1,832.00	0.00		2,287.09	1,840.37